INSTRUCTIONS

-J02245 REV. 7-12-01

Kit Number 69172-01

STROBE KIT (PAR-36) FOR FLHP AND FXDP POLICE MODELS

General

This Strobe Kit (Par-36) is designed for installation on 2000 and later FLHP/I, FLHTPI and 2002 FXDP Model Motorcycles.(when equipped with H-D Police Tour-Pak).

See Service Parts Page Illustration for kit contents.

⚠WARNING

The rider's safety depends on the correct installation of this kit. If the following installation procedures are not within your capabilities, or if you do not have the correct tools, have your Harley-Davidson dealer perform this installation. Failure to do the installation correctly could result in death or serious injury.

NOTE

A Service Manual for your vehicle is available from your Harley-Davidson dealer.

Installation

⚠WARNING

To protect against shock and accidental start-up of vehicle, disconnect the negative battery cable before proceeding. Inadequate safety precautions could result in death or serious injury.

⚠WARNING

Always disconnect the negative battery cable first. If the positive cable should contact ground with the negative cable installed, the resulting sparks may cause a battery explosion which could result in death or serious injury.

1. Disconnect battery cables, negative battery cable first.
2. Follow instructions in applicable Service Manual and remove fuel tank.
3, Remove the two socket head screws securing the left side directional signal to the Spotlamp Mounting Bracket. Save screws for reinstallation.
4. Remove the Phillips screw at at the bottom of the lamp molding and remove the chrome ring from the lamp bucket. Save screw for reinsallation. Carefully pull the sealed lamp unit out and away from the bucket.
5. Disconnect the wire terminals from the sealed beam unit.
6. See Figure 1. Locate the spotlight power wire and cleanly cut the terminal end off of wire. The spotlight power wire will vary in color according to the left and right lamps and the model. Note the following:

   FLHTP/I and FLHP/I Models-Power Wire for Left and Right Lamps-(Grey/Black)

   FXDP Models-Left Lamp Power Wire-(Grey/Violet), Right Lamp Power Wire-(Grey/Brown)

7. Push/pull the wire down through the spotlamp mount post and cut the wire at the entrance to the conduit. Tape the end and tuck the wire into conduit.

NOTE

Tuck the ground (black) wire with terminal into the lamp bucket so it is out of the way.

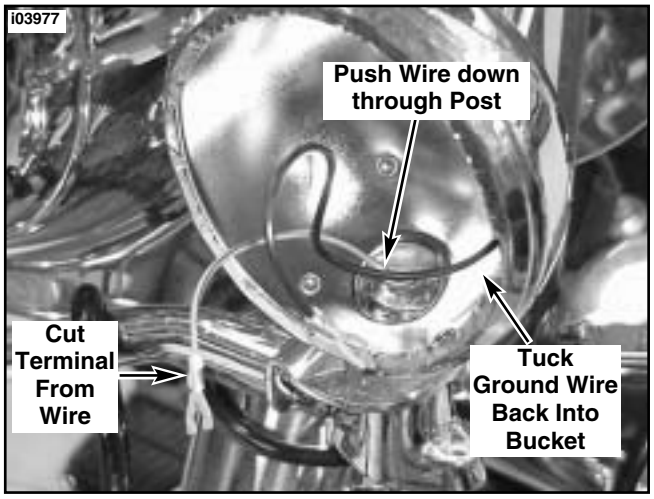

Figure 1. Modify Existing Wiring

8. See Service Parts Illustration. Obtain one of the Strobe Harnesses (3) from kit and locate the open end (3 wires, no connector).
9. Begin inside the Tour-Pak and push the open end of the harness through the right side straight fitting at bottom of Tour-Pak. Route harness along frame under fuel tank and along existing directional lamp conduit up to front.
10. See Figure 2. Route (Push) the 3 wires from harness up through the lamp mounting stem and out into the lamp bucket following the same route as when removing the original power wire.

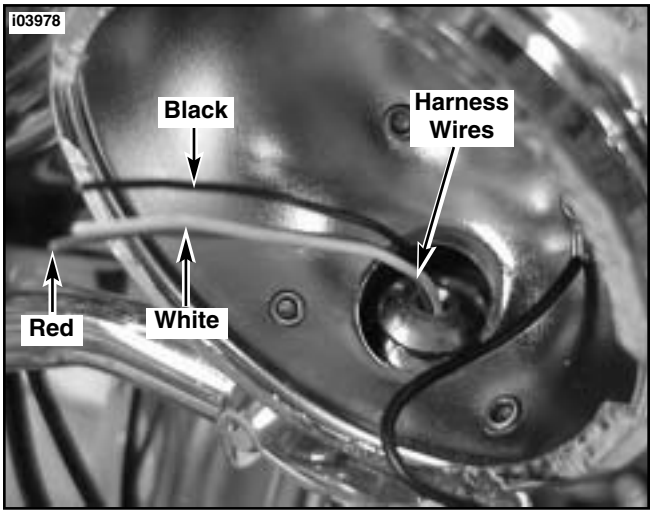

Figure 2. Route Harness Wiring into Lamp Bucket

11. See Service Parts Illustration. Obtain three Socket Pin Terminals (5) and one plastic 3-place Connector (4) from kit.

12. Follow instructions in Service Manual under “Installing Amp Connectors” and install a socket terminal to each of the wire ends.

13. Note the numbers marked on the plastic connector and install each of the terminals into the following respective cavity. Make sure the socket terminals “snap” into place.

    Red Wire Terminal to Connector Cavity 1.
    Black Wire Terminal to Connector Cavity 2.
    White Wire Terminal to Connector Cavity 3.

NOTE

When performing the following Step, the Red Par-36 Strobe is normally installed on the left side; the Blue Par-36 Strobe is installed on the right side.

14. See Service Parts Illustration. Obtain the left Par-36 Strobe Lamp (Red) (2) from kit and mate the harness connector with the strobe connector.

15. Position the Strobe within the mount and reinstall the chrome ring using the Phillips head screw removed in Step 4. Tighten securely.

16. See Figure 3. Make sure conduit rests in the recess of the clamp area as shown. Reinstall the left directional signal assembly to the Spotlamp mounting bracket using socket head screws removed in Step 3. Tighten screws securely.

17. Perform Steps 3 through 16 for the right side of the motorcycle. The Blue Par-36 strobe (1) will be used.

18. Route the left and right Strobe Harnesses under the fuel tank then toward the back of the bike taking the same path as the left and right directional lamp conduits. Continue along the frame and back into the opening in the Tour-Pak.

19. Obtain the three wire ties (6) from kit and secure the strobe harness to the frame (or directional lamp conduit) at appropriate locations. Repeat for the other harness.

20. See Figure 4. Connect the strobe harness connectors to the power supply as shown.

NOTE

Depending on which of the four outlets are chosen, the flash pattern can be set so lamps flash alternately or simultaneously. You may want to experiment with the various outlets until the desired flash pattern is achieved.

21. Obtain the Power Supply Control Harness (7) and instructions from kit. Follow the instructions supplied with the harness and install harness. Connect control harness to power supply.

22. Follow instructions in applicable Service Manual and install fuel tank.

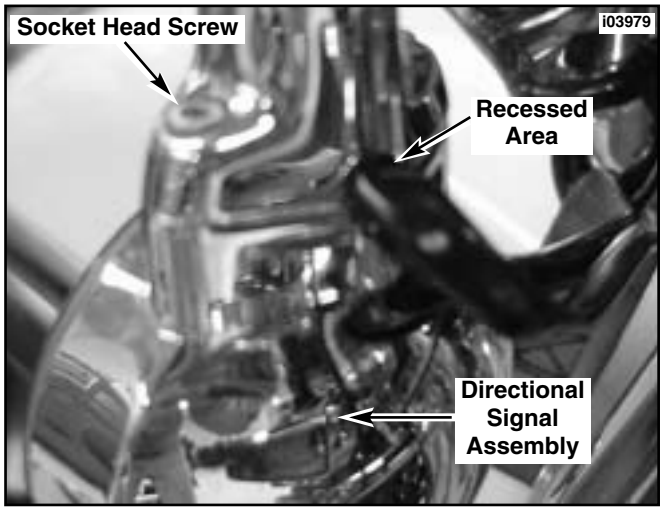

Figure 3. Reinstall Directional Signal to Passing/Pursuit Lamp Mounting Bracket

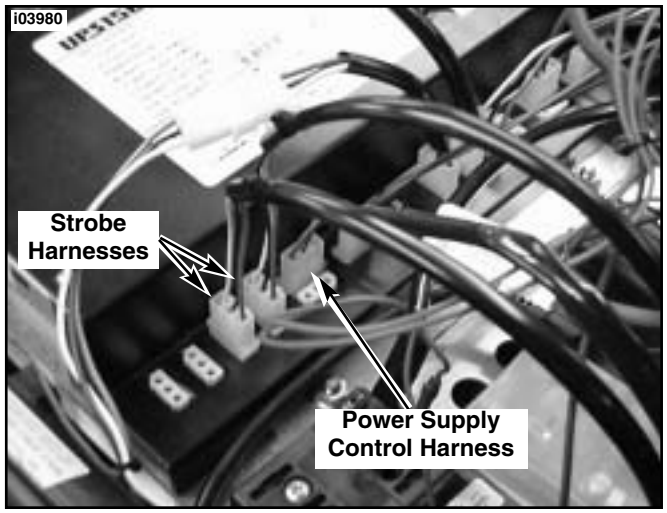

Figure 4. Connect Strobes to Power Supply Outlets

⚠WARNING

Always connect the positive battery cable first. If the positive cable should contact ground with the negative cable installed, the resulting sparks may cause a battery explosion which could result in death or serious injury.

23. Install battery cables, positive cable first.

24. Close Tour-Pak and test strobe lights for proper operation.

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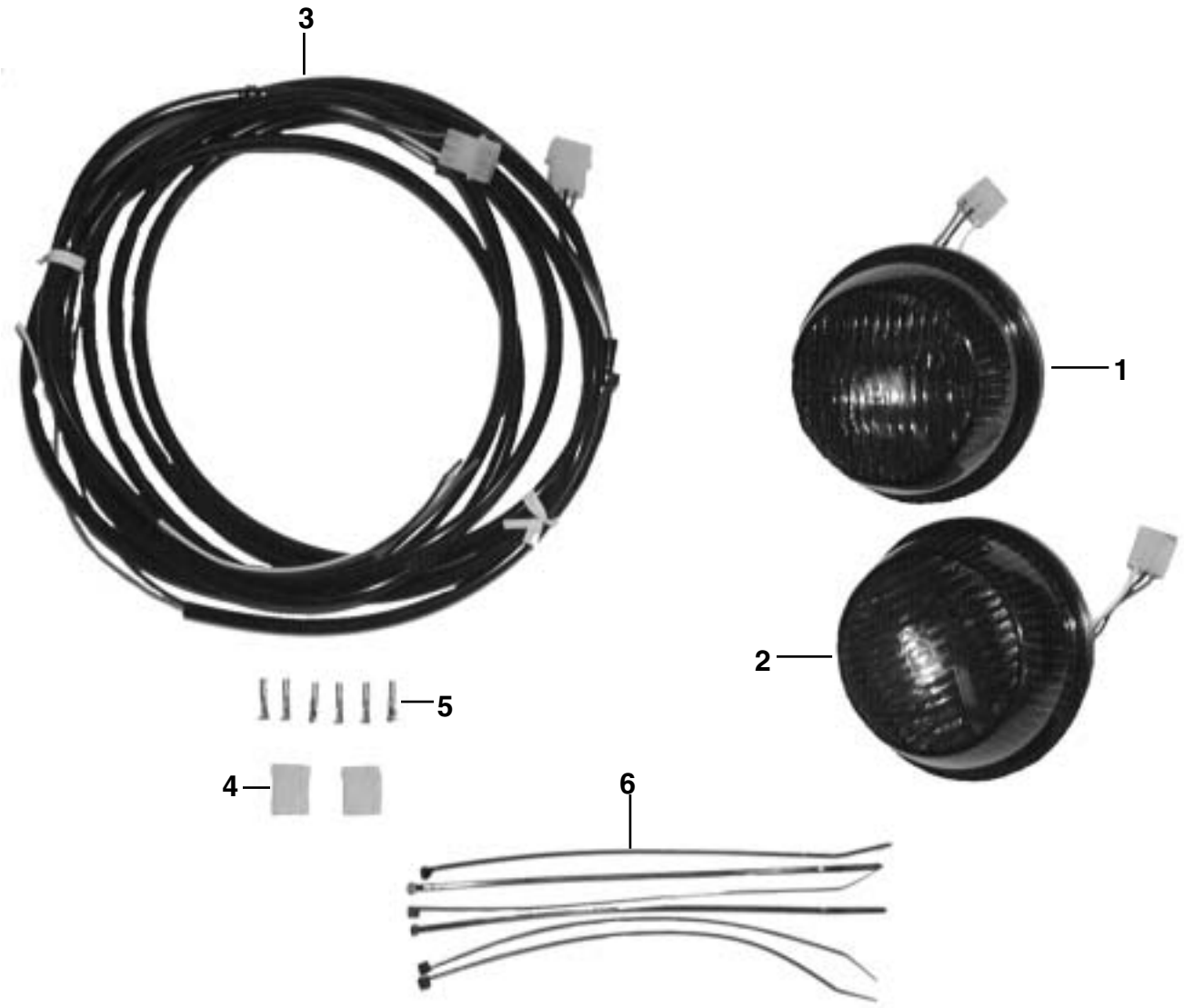

Item	Description/Qty	Part Number
1	Strobe, par-36 (blue)	68554-01
2	Strobe, par-36 (red)	68542-01
3	Harness, par-36 strobe (2)	70670-01
4	Connector, AMP socket 3-wire (2)	70289-89
5	Terminal pin socket AMP (6)	72038-71A
6	Ties, wire large (6)	10006
7	Kit, harness, power supply control	(See Note)

NOTE

Refer to Instruction Sheet J02192 provided with Power Supply Control Harness (Part Number 70669-01) supplied in this kit.